



SYSTEMS PERFORMANCE, OPERATIONS, AND TECHNOLOGY SUBCOMMITTEE (SPOTS)

DRAFT MEETING NOTES

Thursday, June 7, 2018
1:00 - 3:00 P.M.

Meeting Documents: <https://www.mwcog.org/committees/spots/>

1. WELCOME AND REVIEW OF NOTES FROM PREVIOUS MEETINGS

Kelli Raboy, SPOTS Technical Subcommittee Chair

Meeting attendees:

- Kelli Raboy (DDOT) (chair)
- Amit Sidhaye (Arlington County)
- Daivamani Sivasailam (COG/TPB)
- Jon Schermann (COG/TPB)
- Andrew Burke (COG/TPB)
- James Li (COG/TPB)
- Michael Farrell (COG/TPB)
- C. Patrick Zilliacus (COG/TPB)
- Andrew Meese (COG/TPB)

By phone:

- Ling Li (VDOT)
- Will Truong (MATOC)
- Sree Nampoothiri (NVTA)
- Amy Tang Mcelwain (VDOT)
- Alan Toppen (Kimley Horn)
- Tom W.(didn't get last name)

2. ITS PROGRAMS IN ARLINGTON CO. VA

Amit Sidhaye, ITS Program Manager

Amit Sidhaye presented an overview of signal controllers, CCTV cameras, mid-block traffic count stations. fiber-optic network around the county and the two county traffic management centers in Arlington County. The possibility of cell phone towers and “micro cell” repeaters on infrastructure owned by Arlington County was discussed.

Kelli Raboy said that cell phone carriers have reached out to DDOT regarding micro cell sites and related infrastructure, but this is being discussed on a D.C.-

wide basis. Historic preservation laws and rules also limit the extent to which these can be installed across the District.

3. 2018 TPB TRAFFIC SIGNAL POWER BACKUP AND OPTIMIZATION SURVEYS

Andrew Burke, TPB Transportation Engineer

Staff presented results of recently completed surveys to the committee.

A survey detailing the of power backups at signalized intersections (as of December 31, 2017) to keep signals running in the event utility power goes out.

Most agencies and jurisdictions that operate signal systems responded.

Mr. Burke asked the committee to provide feedback for the store.

He also presented a survey of signal optimization across the region.

Mr. Meese asked the Committee to consider the wording of the survey and especially the frequency of optimization of signals. Ms. Li said that VDOT is going more than three years because there is not very much change over three years or five years and signals are monitored in real time, but optimization can be done in less than three years at intersections where needed. The first time through, there was large benefit from optimization, but the benefits of optimization may be less after it has been once.

Results will go to Technical Committee and TPB in July, so please submit any comments by June 25.

4. BRIEFING ON TRAFFIC INCIDENT MANAGEMENT ENHANCEMENT (TIME) TASK FORCE

Andrew Meese, TPB Systems Performance Planning Director

Mr. Meese briefed the committee on recent activities by the TIME Task Force including the May 22, 2018 workshop.

5. REGIONAL EMERGENCY SUPPORT FUNCTION-1. NEW NAME UPDATE

Timothy Schaible, MWCOG Planner

Mr. Sivasailam presented on behalf of Mr. Schaible.

The RESF1 Committee has renamed itself the Transportation Emergency Preparedness Committee.

A new charter has been developed for the Committee and is developing their work program.

Ms. Raboy asked that a copy of the work program of the Transportation Emergency Preparedness Committee be shared with the SPOTS group when finalized.

6. UPDATE ON TPB CONGESTION MANAGEMENT PROCESS AND PERFORMANCE-BASED PLANNING ACTIVITIES

James Li, TPB Transportation Engineer

Mr. Li briefed the group on recent activities in the related Congestion Management Process (CMP) and Performance-Based Planning and Programming (PBPP) spheres. He discussed the Travel Time Index (TTI) and Planning Time Index (PTI) as well as the top ten bottlenecks across the region. The Congestion Dashboard (on the Web) is being updated. He also presented the upcoming biennial CMP Technical Report; and related activities.

Ms. Raboy asked why the big change in observed performance on arterial highways. Staff said that this is likely due to change in the dataset used (NPMRDS), which must be used for this analysis.

Mr. Meese said that the CMP Technical Report will be shared with the committee when it is ready, and comments will be welcome.

Ms. Li mentioned that changes in the Transportation Message Channel (TMC) networks (used by Inrix) makes examination of changes a challenge. Mr. Meese said that analysis should not be “zoomed-in” to too fine of a level.

Mr. Meese also mentioned that the Vehicle Probe Data Users Group (VPDUG) will be meeting in June 21 after a long hiatus.

Ms. Raboy said that use of RITIS and probe data would be a useful agenda item for the next meeting of the committee.

7. OTHER BUSINESS

Kelli Raboy, SPOTS Technical Subcommittee Chair

8. ADJOURN

Next meetings:

SPOTS: Thursday, August 2, 2018, 1:00 PM, in COG Room 1

Traffic Signals Subcommittee: TBD